

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3083825	auto or automobile or automotive or car or vehicle or vehicular or traffic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/21 12:43
L2	81949	radar	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/21 12:43
L3	25163	1 and 2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/21 12:43
L4	112916	frequency-modulated or (frequency adj modulated) or "FM"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/21 12:43
L5	2714	3 and 4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/21 12:44
L6	3910	beat same peak	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/21 12:44
L7	155	5 and 6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/21 12:44
L8	123784	rain or raindrop or (rain adj drop)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/21 12:45

L9	9	7 and 8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/21 12:57
L10	2	(("6157339") or ("6320531")).PN	US-PGPUB; USPAT	OR	OFF	2005/01/21 12:58
L11	3006	((342/70) or (342/71) or (342/72) or (342/26R) or (342/26D) or (342/98) or (342/99) or (342/102) or (342/104) or (342/107) or (342/115) or (342/116) or (342/159) or (342/192) or (342/196)).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/01/21 13:01
L12	2317	11 and @ad<="20030131"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/21 13:01

## SEARCH NOTES FOR EAST AND IEEE

SERIAL NUMBER

10764551

EAST: search history attached

Search terms: (rain <or> raindrops) <and> radar <and> frequency <and> peak

**1 High range resolution (HRR) improvement using synthetic HRR processing and stepped-frequency polyphase coding**

*Temple, M.A.; Sitler, K.L.; Raines, R.A.; Hughes, J.A.;*  
Radar, Sonar and Navigation, IEE Proceedings - , Volume: 151 , Issue: 1 , 14 Feb. 2004 Pages:41 - 47

**2 Calculations of surface clutter interference with precipitation measurement from space by 35.5 GHz radar for Global Precipitation**

**Measurement Mission**  
*Tagawa, T.; Okamoto, K.;*  
Geoscience and Remote Sensing Symposium, 2003. IGARSS '03. Proceedings. 2003 IEEE International , Volume: 5 , 21-25 July 2003  
Pages:3172 - 3174 vol.5

**3 System concept for the next-generation spaceborne precipitation radars**

*Im, E.; Durden, S.L.; Sadowy, G.; Berkun, A.; Huang, J.; Lou, M.; Lopez, B.C.; Rahmat-Samii, Y.; Rengarajan, S.;*Aerospace Conference Proceedings, 2000 IEEE , Volume: 5 , 18-25 March 2000 Pages:151 - 158 vol.5

**4 Radar signature of the sea surface perturbed by rain**

*Craeye, C.; Sobieski, P.W.; Bliven, L.F.;*Geoscience and Remote Sensing Symposium, 1999. IGARSS '99 Proceedings. IEEE 1999 International , Volume: 1 , 28 June-2 July 1999 Pages:206 - 208 vol.1

**5 Improved modelling of propagation and backscattering of millimetre**

**waves in the melting layer**  
*Raynaud, L.; Chenerie, I.; Lemorton, J.;*  
Antennas and Propagation, 1999. IEE National Conference on. , 31 March-1 April 1999 Pages:160 - 163

**6 Polarimetric radar modeling of mixtures of precipitation particles**

*Vivekanandan, J.; Raghavan, R.; Bringi, V.N.;*Geoscience and Remote Sensing, IEEE Transactions on , Volume: 31 , Issue: 5 , Sept. 1993 Pages:1017 - 1030

**7 Rain radar system studies and hardware developments in Europe**

*Mavrocordatos, C.; Richard, J.;*  
Geoscience and Remote Sensing Symposium, 1993. IGARSS '93. 'Better Understanding of Earth Environment'., International , 18-21 Aug. 1993  
Pages:1028 - 1031 vol.3

**8 Macroscopic permittivity of dielectric mixtures with application to microwave attenuation of rain and hail**

*Sihvola, A.;*  
Microwaves, Antennas and Propagation [see also IEE Proceedings-Microwaves, Antennas and Propagation], IEE Proceedings H , Volume: 136 , Issue: 1 , Feb. 1989  
Pages:24 - 28

